Integrated Device Technology, Inc.
6024 Silver Creek Valley Road, San Jose, CA - 95138

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **A1503-01** DATE: **April 13, 2015**

Product Affected: Cerdip-300mil, Cerdip-600mil, Cerpack-28, CGA-84, CGA-108, LCC-20, LCC-32, (Refer Attachment II for affected part#)

Date Effective: **July 13, 2015**

MEANS OF DISTINGUISHING CHANGED DEVICES:

- ☐ Product Mark
- ■ Back Mark
- ☐ Date Code
- ☐ Other

Assembly lot marked on the device provides traceability to the material used

Contact: IDT PCN DESK

E-mail: pcndesk@idt.com

Attachment: ■ Yes ☐ No

Samples: Contact your local sales representative for sample and datasheet requests.

DESCRIPTION AND PURPOSE OF CHANGE:

- ☐ Die Technology
- ☐ Wafer Fabrication Process
- ☐ Assembly Process
- ☐ Equipment
- ■ Material
- ☐ Testing
- ☐ Manufacturing Site
- ☐ Data Sheet
- ☐ Other

This notification is to inform our customers that IDT is converting to a new die coat material, PI2579C.

Attachment I: Details of change.
Attachment II: Affected part list.

RELIABILITY/QUALIFICATION SUMMARY:

There is no expected change to the product quality or reliability performance. Refer to attachments for Qualification data.

CUSTOMER ACKNOWLEDGMENT OF RECEIPT:

IDT records indicate that you require written notification of this change. Please use the acknowledgement below or E-Mail to grant approval or request additional information. If IDT does not receive acknowledgement within 90 days of this notice it will be assumed that this change is acceptable.
IDT reserves the right to ship either version manufactured after the process change effective date until the inventory on the earlier version has been depleted.

Customer: _____ ☐ ***Approval for shipments prior to effective date.***

Name/Date: _____ E-Mail Address: _____

Title: _____ Phone# /Fax# : _____

CUSTOMER COMMENTS: _____

IDT ACKNOWLEDGMENT OF RECEIPT:

RECD. BY: _____ DATE: _____

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ATTACHMENT I - PCN # : A1503-01

PCN Type: Assembly Material

Data Sheet Change: None

Details Of Change: This notification is to inform our customers that IDT is converting to a new die coat material, PI2579C.

You may contact your local sales representative to acknowledge this PCN and request samples.

Description	Changes	
	From	To
Die coat	PIX-L110S-15	PI2579C

Qualification Test Plan and Results:

Test Vehicle: CGA-84 (2 lots) and Cerdip-300mil (1 lot)

Description	Method	Result (# of Reject / SS)		
		CGA-84	CGA-84	Cerdip 300 mil
Bond Pull Test	Mil-Std-883, M2011	0/5	0/5	0/5
Internal Visual Inspection	Mil-Std-883, M2010	0/5	0/5	0/5
Thermal Shock (-65 degree C to 150 degree C @ 15 cycle +)	Mil-Std-883, M1011	0/32	0/32	0/32
Temperature Cycle (-65 degree C to 150 degree C @ 100 cycle +)	Mil-Std-883, M1010	0/32	0/32	0/32
Moisture Resistance (90%RH, -10/25/65 degree C @ 10 cycle +)	Mil-Std-883, M1004	0/32	0/32	0/32
Fine / Gross Leak Test	Mil-Std-883, M1014	0/32	0/32	0/32
External Visual Inspection	Mil-Std-883, M1004/M1011	0/32	0/32	0/32
Internal Vapor Content	Mil-Std-883, M1018	0/3	0/3	0/3
High Temperature Storage Bake (150 degree C @ 1000 hrs)	Mil-Std-883, M1008	0/77	0/77	0/77

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ATTACHMENT II - PCN # : A1503-01

Affected Part Numbers

Part Number	Part Number	Part Number	Part Number
5962-3829406MXA	5962-8866206XA	7050S35G	7164L20TDB
5962-3829406MZA	5962-8874001LA	7050S35G/2703	7164L25DB
5962-3829407MXA	5962-8874002LA	7052L20G	7164L25TDB
5962-3829407MZA	5962-8969001LA	7052L25G	7164L35DB
5962-3829408MXA	5962-8969001LA/82	7052L30GB	7164L35TDB
5962-3829408MZA	5962-8969002LA	7052L35G	7164L45DB
5962-3829409MXA	6116LA120DB	7052L35GB	7164L45TDB
5962-3829409MZA	6116LA120TDB	7052S20G	7164L55DB
5962-3829410MXA	6116LA150DB	7052S25G	7164L55TDB
5962-3829410MZA	6116LA150TDB	7052S25G/2703	7164L70DB
5962-3829411MXA	6116LA20TDB	7052S30GB	7164L70TDB
5962-3829411MZA	6116LA25DB	7052S35G	7164L85DB
5962-3829412MXA	6116LA25TDB	7052S35G/S2703	7164L85TDB
5962-3829412MZA	6116LA35DB	7052S35GB	7164S100DB
5962-3829413MXA	6116LA35TDB	71256L100DB	7164S20DB
5962-3829413MZA	6116LA45DB	71256L100TDB	7164S20TDB
5962-3829414MXA	6116LA45TDB	71256L120DB	7164S25DB
5962-3829414MZA	6116LA55DB	71256L150DB	7164S25TDB
5962-3829415MXA	6116LA55TDB	71256L25DB	7164S35DB
5962-3829415MZA	6116LA70DB	71256L25TDB	7164S35TDB
5962-3829416MXA	6116LA70TDB	71256L35DB	7164S45DB
5962-3829416MZA	6116LA90DB	71256L35TDB	7164S45TDB
5962-3829417MXA	6116LA90TDB	71256L45DB	7164S55DB
5962-3829417MZA	6116SA120DB	71256L45TDB	7164S55TDB
5962-8552512XA	6116SA120TDB	71256L55DB	7164S70DB
5962-8855201UA	6116SA150DB	71256L55TDB	7164S70TDB
5962-8855201XA	6116SA150TDB	71256L70DB	7164S85DB
5962-8855202UA	6116SA20DB	71256L70TDB	7164S85TDB
5962-8855202XA	6116SA20TDB	71256L85DB	8403608JA
5962-8855203UA	6116SA25TDB	71256L85TDB	8403608LA
5962-8855203XA	6116SA35TDB	71256S100DB	8403609JA
5962-8855204UA	6116SA45DB	71256S100TDB	8403609LA
5962-8855204XA	6116SA45TDB	71256S25DB	8403610JA
5962-8855206UA	6116SA55DB	71256S25TDB	8403610LA
5962-8855206XA	6116SA55TDB	71256S35DB	8403611JA
5962-8866201NA	6116SA70DB	71256S35TDB	8403611LA
5962-8866201XA	6116SA70TDB	71256S45DB	8403612JA
5962-8866202NA	6116SA90DB	71256S45TDB	8403612LA
5962-8866202XA	6116SA90TDB	71256S55DB	8403613JA
5962-8866203NA	7027L25G	71256S55TDB	8403613LA
5962-8866203XA	7027L35G	71256S70DB	8403615JA
5962-8866204NA	7027L55G	71256S70TDB	8403615LA
5962-8866204XA	7027S25G	71256S85DB	8403616JA
5962-8866205NA	7027S35G	71256S85TDB	8403616LA
5962-8866205XA	7027S55G	7164L100DB	
5962-8866206NA	7050L25G	7164L20DB	